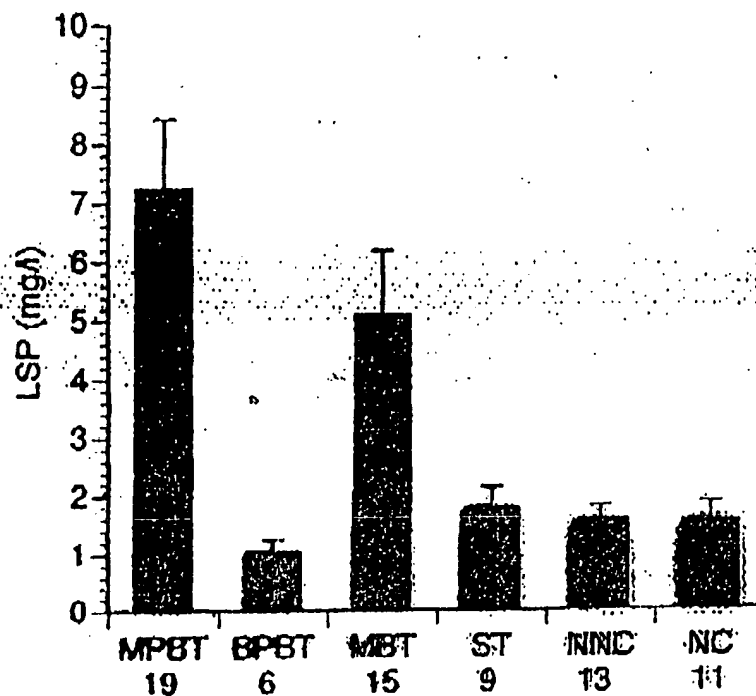


**GRAPH 1**

LSP in the CSF of patients with  
and without brain tumors



MPBT : Malignant primary brain tumors

BPBT: Benign primary brain tumors

MBT: Metastatic brain tumors

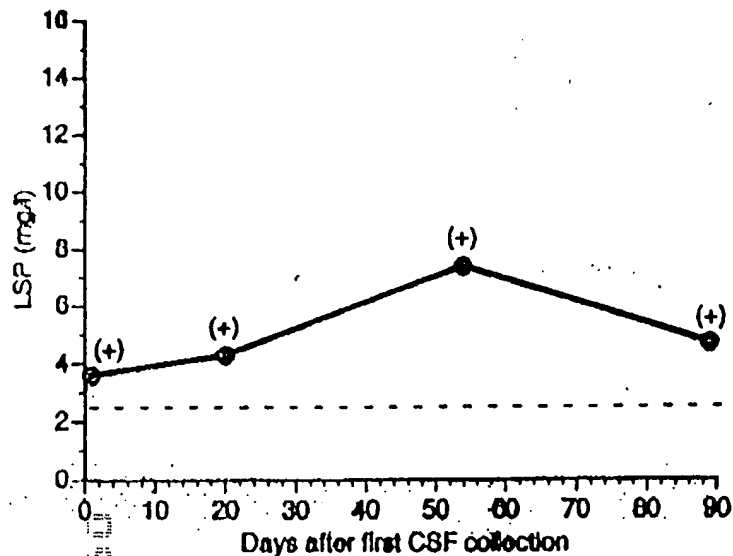
ST: Systemic tumors without brain metastasis

NNC: Nonmal neurologic controls

NC: Neurologic controls

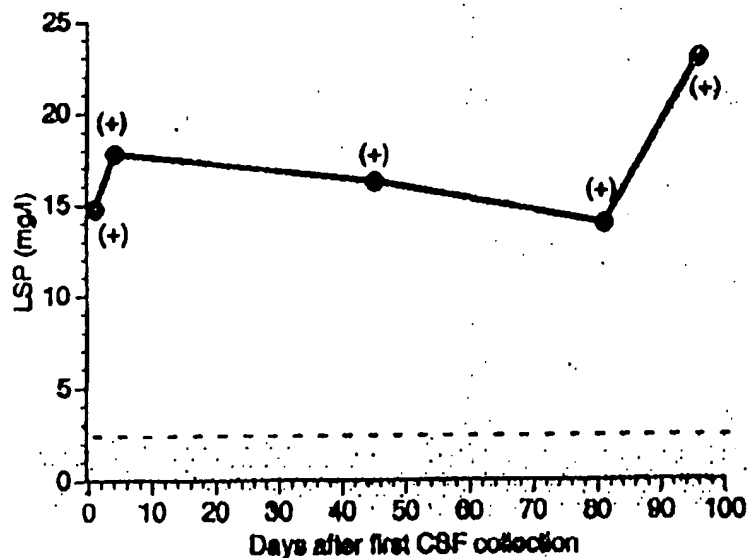
## GRAPH 2

### LONGITUDINAL STUDIES OF PATIENTS UNDER TREATMENT



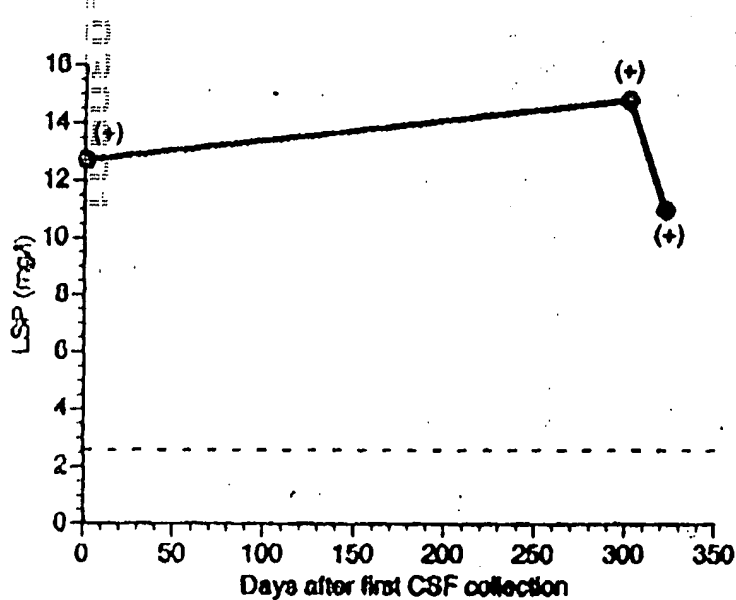
Primary central nervous system lymphoma

(+): positive CSF cytology  
(-): negative CSF cytology



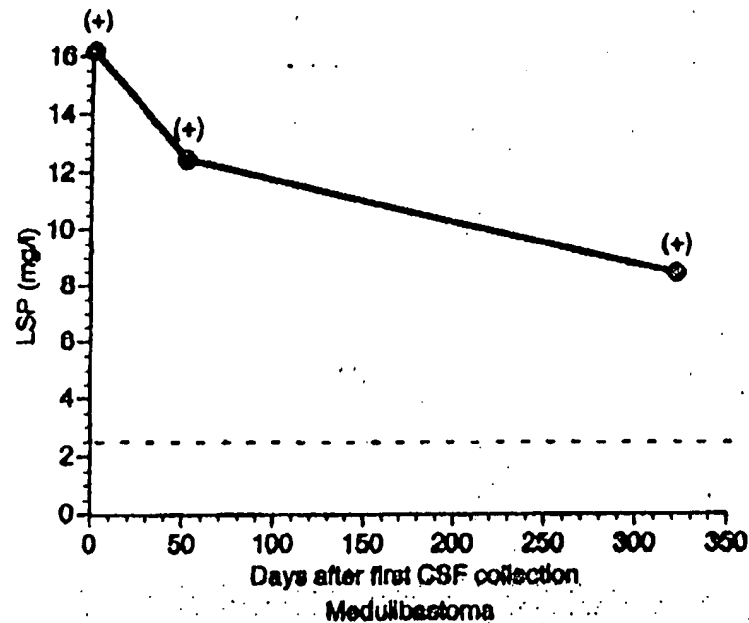
Primary central nervous system lymphoma

(+): positive CSF cytology  
(-): negative CSF cytology



Anaplastic astrocytoma

(+): positive CSF cytology  
(-): negative CSF cytology



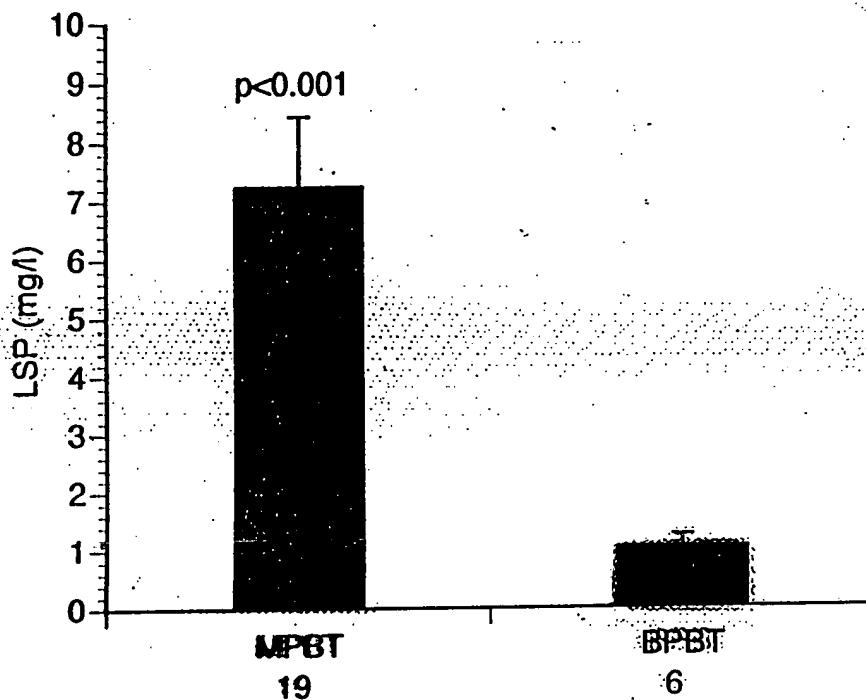
Medulloblastoma

(+): positive CSF cytology  
(-): negative CSF cytology

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**GRAPH 3**

LSP in the CSF of patients with malignant  
and benign primary brain tumors



MPBT: Malignant primary brain tumors

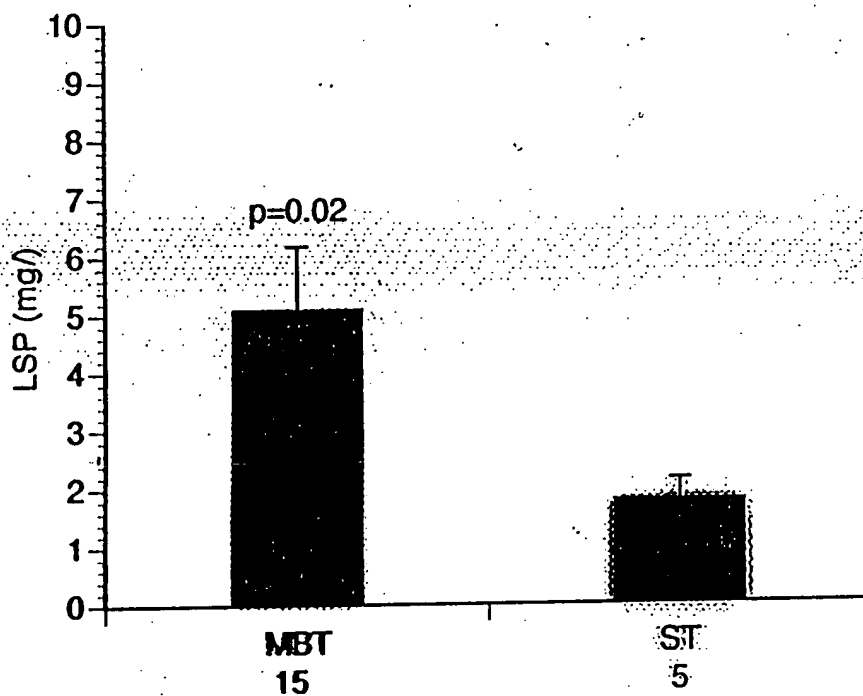
BPBT: Benign primary brain tumors

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**GRAPH 4**

**LSP in the CSF of patients with systemic tumors with and without brain metastasis**

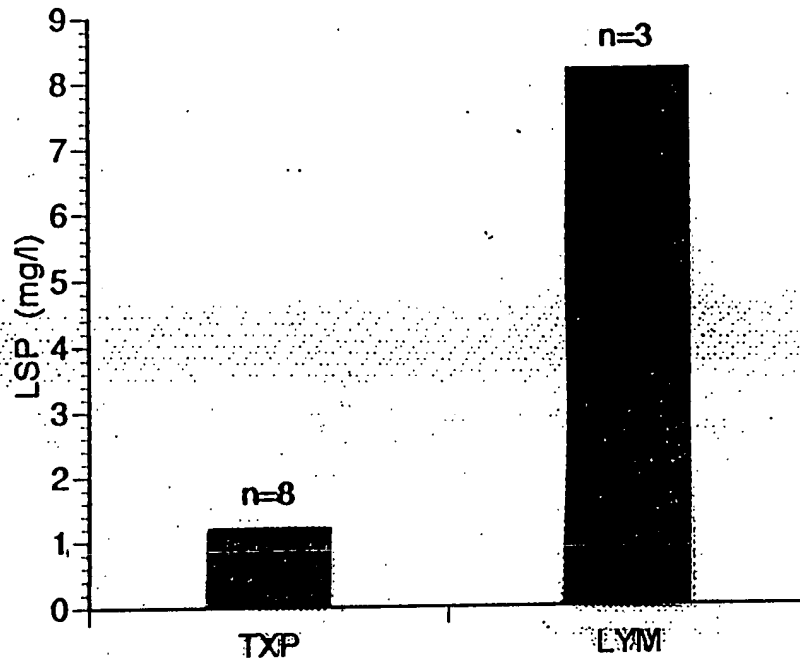


**MBT: Metastatic brain tumors**  
**ST: Systemic tumors without brain metastasis**

NK-GP ©

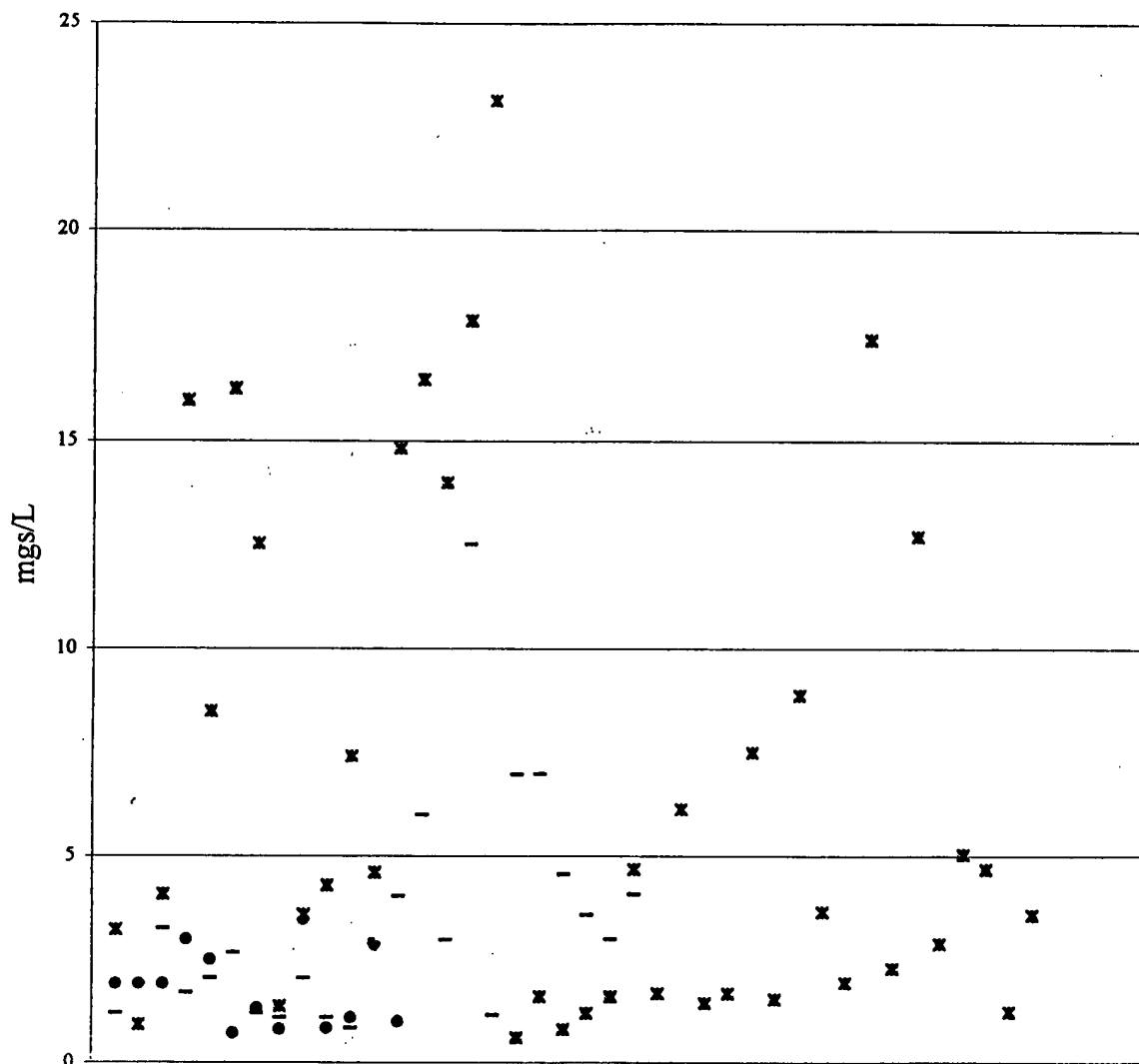
**GRAPH 5**

LSP in the CSF of patients with HIV and  
toxoplasmosis and patients with lymphoma



GRAPH 6

LSP



- Control Samples: Dizziness, Headaches, Strokes, Comatose, Other
- Patient Samples: Lyme Disease, Alzheimer's, Meningitis, Other (not Cancer)
- x Patient Samples: Malignancies in Different Stages

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